



Docket No.: 03226/443001;  
SUN030034  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Ashwin J. Mathew et al.

Application No.: 10/767,380

Confirmation No.: 4747

Filed: January 28, 2004

Art Unit: 2161

For: FRACTIONAL DATA SYNCHRONIZATION Examiner: P. KIM  
AND CONSOLIDATION IN AN  
ENTERPRISE INFORMATION SYSTEM

**INFORMATION DISCLOSURE STATEMENT (IDS)**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed after the mailing date of the first Office Action on the merits but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

03/19/2007 EEKUBAY1 00000014 10767380

02 FC:1806

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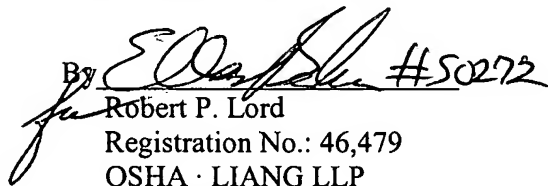
In accordance with 37 CFR 1.98(a)(2)(ii), Applicant has not submitted copies of U.S. patents and U.S. patent applications. Applicant submits herewith copies of foreign patents and non-patent literature in accordance with 37 CFR 1.98(a)(2).

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 50-0591, under Order No. 03226/443001; SUN030034.

Dated: March 15, 2007

Respectfully submitted,

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ALTERNATIVE TO PTO/SB/08A/B (09/06)

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/767,380-Conf. #4747
				Filing Date	January 28, 2004
				First Named Inventor	Ashwin J. Mathew
				Art Unit	2161
				Examiner Name	P. Kim
Sheet	1	of	2	Attorney Docket Number	03226/443001; SUN030034

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	US-5,913,214	06-15-1999	Madnick et al.	
	AB	US-6,295,541 B1	09-25-2001	Bodnar et al.	
	AC	US-2002/0184213	12-05-2002	Lau et al.	
	AD	US-6,493,721	12-10-2002	Getchius et al.	
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	AL	US-7,117,264	10-03-2006	Becker et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	BA	WO-01/35211-A2	05-17-2001	Jarna, Inc.	

\*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	CELIK, A. et al. "I-DG:A Secure Protocol For Disseminating Data to Subscribers Via IP Multicast" ADVANCED ISSUES OF E-COMMERCE AND WEB-BASED INFORMATION SYSTEM, 2002. (WECWIS 2002). PROCEEDINGS. FOURTH IEEE INTERNATIONAL WORKSHOP ON 26-28 JUNE 2002, PISCATAWAY, NJ, USA, IEEE, 26 June 2002 (2002-06-26), pages 1-8.	
	CB	GRUFMAN, S., et al. "Distributing semantic constraints between heterogeneous databases" DATA ENGINEERING, 1997. PROCEEDINGS. 13 <sup>TH</sup> INTERNATIONAL CONFERENCE ON BIRMINGHAM, UK 7-11 APRIL 1997, LOS ALAMITOS, CA, USA. IEEE COMPUT. SOC. US, 7 April 1997 (1997-04-07), pages 33-42.	
	CC	TURKER C., et al. "Towards maintaining integrity of federated databases" INFORMATION TECHNOLOGY, 1997. BIWIT '97., PROCEEDINGS OF THE THIRD BASQUE INTERNATIONAL WORKSHOP ON BIARRITZ, FRANCE 2-4 JULY 1997, LOS ALAMITOS, CA, USA, IEEE COMPUT. SOC. US, 2 July 1997 (1997-07-02), pages 93-100	
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Examiner Signature		Date Considered	
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Sheet	2	of	2	Attorney Docket Number	03226/443001; SUN030034

		'93., THIRD INTERNATIONAL WORKSHOP ON VIENNA, AUSTRIA 19-20 APRIL 1993, LOS ALAMITOS, CA, USA, IEEE COMPUT.SOC.US. 19 April 1993 (1993-04-19), pages 42-49.	
	CF	KAMEL, M.N., et al. "The Federated Database Management System: An Architecture of Distributed Systems for the 90's." DISTRIBUTED COMPUTING SYSTEMS, 1990. PROCEEDINGS., SECOND IEEE WORKSHOP ON FUTURE TRENDS OF CAIRO, EQYPT 30 SEPT.-2 OCT., 1990, LOS ALAMITOS, CA, USA, IEEE COMPUT.SOC, US, 30 September 1990 (1990-09-30), pages 346-352.	
	CG	European Search Report dated August 12, 2005 (5 pages)	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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